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PTO/SB/01 (08-03)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☐ Declaration
Submitted With Initial
Filing
OR
☒ Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number 10006.001410

First Named Inventor Gary R. Holt

COMPLETE IF KNOWN

Application Number 10/646,334

Filing Date August 22, 2003

Art Unit not yet known

Examiner Name not yet known

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

VIDEO INTERLACING USING OBJECT MOTION ESTIMATION

the specification of which (Title of the Invention)

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

08/22/03

as United States Application Number or PCT International

Application Number

10/646,334

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:


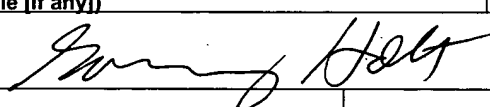
[Page 1 of 2]

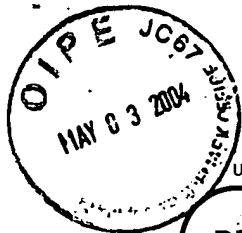
This collection of information is required by 37 CFR 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to:		<input checked="" type="checkbox"/> Customer Number or Bar Code Label	000031894	OR	<input type="checkbox"/> Correspondence address below
Name 					
Address					
City		State		ZIP	
Country		Telephone		Fax	
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>					
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))		Gary R.		Family Name or Surname Holt	
Inventor's Signature				Date 30 Jan 2004	
Residence: City		State		Country	
Bell Canyon		CA		US	
Mailing Address					
92 Saddlebow Road					
City		State		Country	
Bell Canyon		CA		US	
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))		Edward R.		Family Name or Surname Ratner	
Inventor's Signature				Date	
Residence: City		State		Country	
Sunnyvale		CA		US	
Mailing Address					
433 Crescent Avenue					
City		State		Country	
Sunnyvale		CA		US	
<input type="checkbox"/> Additional inventors or a legal representative are being named on the supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.					



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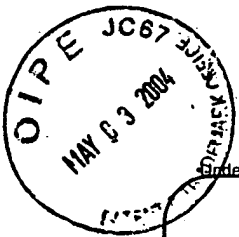
[Page 1 of 2]

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NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Gary R.		Family Name or Surname	
Holt					
Inventor's Signature				Date	
Residence: City		State		Country	
Milpitas		CA		US	
Citizenship		US			
Mailing Address					
440 Dixon Landing Road, #L-305					
City		State		Country	
Milpitas		CA		US	
Zip		95035			
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Edward R.		Family Name or Surname	
Ratner					
Inventor's Signature				Date	
<i>Edward R. Ratner</i>				10/10/03	
Residence: City		State		Country	
Sunnyvale		CA		US	
Citizenship		US			
Mailing Address					
433 Crescent Avenue					
City		State		Country	
Sunnyvale		CA		US	
Zip		94087			
<input type="checkbox"/> Additional inventors or a legal representative are being named on the supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.					



**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	10/646,334
Filing Date	August 22, 2003
First Named Inventor	Gary R. Holt
Title	Video Interlacing Using Object Motion Estimation
Art Unit	not yet known
Examiner Name	not yet known
Attorney Docket Number	10006.001410

I hereby appoint:

☒ Practitioners at Customer Number

000031894

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

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I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name Edward R. Ratner

Signature *Edward R. Ratner*

Date 10/19/03

Telephone

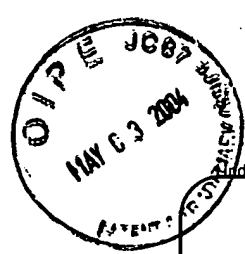
408-245-3221

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 2 forms are submitted.

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☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.

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SIGNATURE of Applicant or Assignee of Record

Name Gary R. Holt

Signature

Date

30 Jan 2004

Telephone

(650)-962-8402

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

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